

ASA

UV-resistant material

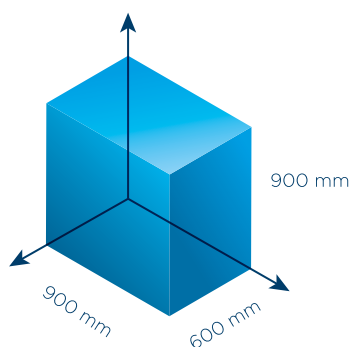
MECHANICALS FEATURES	STANDARD TEST	METRIC	ENGLISH
Traction resistance (Type 1, 0.125", 0.2"/min)	ASTM D638	34 MPa	4,930 psi
Traction modulus (Type 1, 0.125", 0.2"/min)	ASTM D638	2.010 MPa	290,000 psi
Traction elongation (Type 1, 0.125", 0.2"/min)	ASTM D638	2%	2%
Bend resistance (Method 1, 0.05"/min)	ASTM D790	60 MPa	8,700 psi
Bend modulus (Method 1, 0.05"/min)	ASTM D790	1,870 MPa	270,000 psi
Impact resistance carved IZOD (Method A, 23°C)	ASTM D256	64 J/m	1,2 ft-lb/in
Impact resistance not carved IZOD (Method A, 23°C)	ASTM D256	321 J/m	6 ft-lb/in

THERMAL FEATURES	STANDARD TEST	METRIC	ENGLISH
Under load deflection temperature (HDT)@66psi,0.125"	ASTM D648	91°C	196°F
Thermal expansion coefficient	ASTM E831	8.79E-06 mm/mm/°C	4.9E-06 in/in/°F
Melting point	-	N.A.	N.A.
Glass transition	DMA(SSYS)	108°C	226°F

OTHER FEATURES	STANDARD TEST	VALUE
Specific weight	ASTM D792	1.05
Fire reaction classification	UL94	HB
Hardness	ASTM D785	82

MAX PRINT SIZE:

900 x 600 x 900 mm



SLICING					SUPPORT	
0,12	0,17	0,25	0,33	0,50	Soluble	Removable
✓	✓	✓	✓	✓	✓	

Manufacturing tolerances : \pm 0,2 mm up to 50 mm
 \pm 0,05 mm each 25 mm following

KEY:
 N.A. not applicable.

NOTES:

Available colours: white, ivory, black, dark grey, light grey, red, blue, green, orange, yellow.
 The data presented are only for informative purpose, they aren't official.
 For further information please contact Spring S.r.l +39 0444 557570 or visit our website www.springitalia.com.
 All trademarks are the property of their respective owners.

SPRING SRL - Via del Carpino Nero, 14
 36050 Monteviale - VICENZA - ITALY
t. +39 0444 557570 - **f.** +39 0444 557572
e. info@springitalia.com

www.springitalia.com



SPRING[®]
 ENGINEERING & PROTOTYPING